

ruess, kalahada TABLE1

SEQ ID NO.2 SEQ ID NO.5 HRM-1 13 ID937NOT01 g1518121 Ascaris suum SEQ ID NO.2 SEQ ID NO.55 HRM-3 1762 IO37NOT01 g1518121 Ascaris suum SEQ ID NO.2 SEQ ID NO.55 HRM-3 1782 IUMCNOT01 g151821 Ascaris suum SEQ ID NO.5 SEQ ID NO.5 HRM-4 937 HMCINOT01 g1537845 Human zine finger protein (d2) SEQ ID NO.5 SEQ ID NO.5 HRM-5 9476 HMCINOT01 g1537845 Human zine finger protein (d2) SEQ ID NO.5 SEQ ID NO.5 HRM-6 13017 THP IPLB01 g895845 Human putative p64 CLC/P protein SEQ ID NO.5 SEQ ID NO.5 HRM-7 3013 THP INOB01 g170241 Human clone 23733 mRNA SEQ ID NO.5 SEQ ID NO.5 HRM-10 18809 PITUNOR01 g1805720 Caenorhabditis elegans SEQ ID NO.6 SEQ ID NO.6 HRM-10 18160 MUSCNOR01 g108673 Caerovisiae SEQ ID NO.1 SEQ ID NO.6 HRM-11 30833 SPLNNOT02 g104873 Caevisiae SEQ ID NO.1 SEQ ID NO.6 HRM-14 369710 MMLA3DT01 g108612 Caevavisiae <	Protein	Nucleotide	Abbreviation Clone ID	Clone ID	Library	NCBI	Homolog
HRM-3 1762 1937NOT01 g HRM-3 1847 1937NOT01 g HRM-4 9337 HMCINOT01 g HRM-5 9476 HMCINOT01 g HRM-6 10370 THP PL001 g HRM-1 118160 MUSCNOT01 g HRM-10 118160 MUSCNOT01 g HRM-11 207452 SPLNNOT02 g HRM-13 208836 SPLNNOT02 g HRM-14 569710 MRALR3JT01 g HRM-15 606742 BRSTTUT01 g HRM-16 611135 COLNNOT02 g HRM-17 641127 BRSTROT03 g HRM-18 691768 LUNGTUT02 g HRM-19 724157 SYNOOAT01 G HRM-21 993353 CERVNOT04 G HRM-22 150463 LATRTUT03 g HRM-23 1501887 SPLNNOT04 G HRM-24 156836 UTRSNOT05 g HRM-25 157288 LNODNOT03 g HRM-26 157288 LNODNOT03 g HRM-27 157288 LNODNOT03 g HRM-28 157284 LNODNOT03 g HRM-28 157284 LNODNOT03 g	SEQ ID NO:1	SEQ ID NO:50	HRM-1	133	U937NOT01	g285947	
HRM-3 1847 U937NOT01 g HRM-4 9337 HMCINOT01 g HRM-6 10370 THP IP LB01 g HRM-7 30137 THP IN OB01 g HRM-1 30137 THP IN OB01 g HRM-1 118160 MUSCNOT01 g HRM-1 140516 TLYMNOR01 g HRM-1 207452 SPLNNOT02 g HRM-1 20836 SPLNNOT02 g HRM-1 569710 MMLR3DT01 g HRM-1 641127 BRSTROT03 g HRM-1 641127 BRSTROT01 g HRM-2 641127 BRSTROT01 g HRM-2 641127 BRSTROT01 g HRM-2 93353 CERVNOT01 g HRM-2 150463 LATRTUT02 g HRM-2 150483 SPLNNOT04 g HRM-2 150484 LNODNOT03 g HRM-2 157288 LNODNOT03 g HRM-2 157288 LNODNOT03 g HRM-2 157288 LNODNOT03 g HRM-2 157288 LNODNOT03 g	SEQ ID NO:2	SEQ ID NO:51	HRM-2	1762	U937NOT01	g1518121	Ascaris suum
HRM-4 933 HMCINOTOI 18M-5 9476 HMCINOTOI 18M-6 10370 THP PLB01 19M-6 10370 THP PLB01 19M-7 30137 THP INOB01 19M-8 30137 THP INOB01 19M-9 98974 PITUNOROI 19M-10 118160 MUSCNOTOI 19M-11 140516 TLYMNOROI 19M-12 20842 SPINNOTO2 19M-13 208836 SPINNOTO2 19M-15 606742 BRSTITUTOI 19M-15 606742 BRSTITUTOI 19M-15 601135 COLNNOTOI 19M-15 601135 COLNNOTOI 19m-20 601135 COLNNOTOI 19m-20 601135 COLNNOTOI 19m-20 150185 LUNCTUTO2 14m-20 86463 BRAITUTO2 14m-20 150185 SPINNOTO4 157288 LNODNOTO3 157288 LNODNOTO3 18m-26 157288 LNODNOTO3 18m-26 157288 LNODNOTO3 157288 LNODNOTO3 157288 LNODNOTO3 157289 LNODNOTO3 157280 LNODNOTO3 157280 LNODNOTO3 157280 LNODNOTO3 157280 LNODNOTO3 157280 LNODNOTO3 157280 157280 LNODNOTO3 1572	SEQ ID NO:3	SEQ ID NO:52	HRM-3	1847	U937NOT01	g1302211	Saccharomyces cerevisiae
HRM-5 9476 HMCINOT01 HRM-6 10370 THPIPLB01 HRM-7 30137 THPIPLB01 HRM-8 77180 SYNORAB01 HRM-9 98974 PITUNOR01 HRM-10 118160 MUSCNOT01 HRM-11 140516 TLYMNOR01 HRM-13 20885 SPLNNOT02 HRM-14 569710 MMLR3DT01 HRM-15 606742 BRSTTUT01 HRM-16 611135 COLNNOT01 HRM-17 641127 BRSTNOT03 HRM-18 691768 LJNGTUT02 HRM-21 993353 CERVNOT01 HRM-22 156187 SPLNNOT04 HRM-23 156188 SPLNNOT04 HRM-24 156836 UTRSNOT05 HRM-25 157288 LINDINOT03 HRM-26 157288 LINDINOT03 HRM-26 157288 LINDINOT03 HRM-27 157284 LINDINOT03 HRM-28 157284 LINDINOT0	SEQ ID NO:4	SEQ ID NO:53		9337	HMC1NOT01	g1613852	Human zinc finger protein (zl2)
HRM-6 10370 THP1PLB01 HRM-7 30137 THP1NOB01 g	SEQ ID NO:5		HRM-5	9476	HMC1NOT01	g755784	S. cerevisiae
HRM-7 30137 THPINOB01 HRM-8 77180 SYNORAB01 HRM-10 118160 MUSCNOT01 HRM-11 140516 TLVMNOR01 HRM-12 207422 SPLNNOT02 HRM-13 208836 SPLNNOT02 HRM-13 208836 SPLNNOT02 HRM-14 6.611137 BRSTNOT01 HRM-16 6.11137 BRSTNOT03 HRM-18 6.9710 MAILR3DT01 HRM-18 6.9710 MAILR3DT01 HRM-19 724157 SYNOOAT01 HRM-19 724157 SYNOOAT01 HRM-21 93333 CERVNOT01 HRM-23 1561587 SPLNOT04 HRM-24 1568361 UTRSNOT05 HRM-24 1568361 UTRSNOT05 HRM-24 1568361 UTRSNOT05 HRM-24 1568361 UTRSNOT05 HRM-25 1573677 LNODNOT03 HRM-26 1573677 LNODNOT03 HRM-27 1574624 LNODNOT03	SEQ ID NO:6	SEQ ID NO:55		10370	THP I PLB 01	g895845	Human putative p64 CLCP protein
HRM-9 38974 PITUNOROI	SEQ ID NO:7	SEQ ID NO:56		30137	THPINOB01	g1710241	Human clone 23733 mRNA
HRM-10 118160 MUSCNOT01	SEQ ID NO:8	SEQ ID NO:57	HRM-8	77180	SYNORAB01	g5372	S. cerevisiae
HRM-10 118160 MUSCNOTUI HRM-11 140516 TLYMNORUI HRM-13 208836 SPLNNOTUZ HRM-14 569710 MMLR3DTUI HRM-15 606742 BRSTTUTUI HRM-16 611135 COLNNOTUI HRM-17 641127 BRSTNOTUI HRM-17 641127 BRSTNOTUI HRM-19 724157 SYNOOATUI HRM-21 933353 CERVNOTUI HRM-22 1404643 LATRTUTUZ HRM-21 1561587 SPLNNOTU HRM-23 1561587 SPLNNOTUI HRM-23 1561587 SPLNNOTUI HRM-24 1568361 UTRSNOTUS HRM-25 1578681 LNODNOTUS HRM-25 1578681 LNODNOTUS HRM-26 1573677 LNODNOTUS HRM-27 1574694 LNODNOTUS HRM-28 1573677 LNODNOTUS HRM-28 1573677 LNODNOTUS	SEQ ID NO:9	SEQ ID NO:58	HRM-9	98974	PITUNOR01	g1627704	Caenorhabditis elegans
HRM-11 140516 TLYMNOR01 HRM-12 20/3425 SPLNNOT02 HRM-14 569710 MMLR3DT01 HRM-15 606722 BRSTTUT01 HRM-16 611135 COLNNOT01 HRM-17 641127 BRSTTUT01 HRM-19 724157 SYNOOAT01 HRM-20 864683 BRATTUT02 HRM-21 93333 CERYNOT01 HRM-22 1404643 LATRITUT02 HRM-23 1561587 SPLNOT04 HRM-24 1568361 UTRSNOT05 HRM-24 1568361 UTRSNOT05 HRM-25 1573673 LNODNOT03 HRM-26 1573673 LNODNOT03 HRM-27 1574624 LNODNOT03 HRM-28 1573673 LNODNOT03	SEQ ID NO:10	SEQ ID NO:59	_	118160	MUSCNOTOI	g220594	Mus musculus
HRM-12 207452 SPLNNOTO2 HRM-13 208836 SPLNNOTO2 HRM-14 6.06742 BRSTTUT01 HRM-15 6.06742 BRSTTUT01 HRM-17 641127 BRSTNOT01 HRM-19 691768 LUNGTUT02 HRM-19 774157 SYNOOAT01 HRM-20 864683 BRATUT02 HRM-21 93333 CERVNOT01 HRM-21 193333 CERVNOT01 HRM-23 1561587 SPLNOT04 HRM-24 1568361 LNODNOT03 HRM-24 1568361 LNODNOT03 HRM-27 1574624 LNODNOT03 HRM-28 1573671 LNODNOT03	SEQ ID NO:11	SEQ ID NO:60	HRM-11	140516	TLYMNOR01	g1086723	C. elegans
HRM-13 208836 SPLNNOTO2 HRM-14 569710 MAILR3DT01 HRM-15 606742 BRSTTUT01 HRM-16 611135 COLNNOT03 HRM-17 641127 BRSTNOT03 HRM-19 724157 BRSTNOT03 HRM-19 724157 SYNOOAT01 HRM-21 93335 CERVNOT01 HRM-21 193353 CERVNOT01 HRM-23 1561587 SPLNOT04 HRM-24 1568361 UTRSNOT05 HRM-24 1568361 UTRSNOT05 HRM-25 1573673 LNODNOT03 HRM-27 1574624 LNODNOT03 HRM-28 1573673 LNODNOT03	SEQ ID NO:12	SEQ ID NO:61	HRM-12	207452	SPLNNOT02	g1314086	S. cerevisiae
HRM-14 569710 MMLR3DT01 HRM-15 606742 BRSTTUT01 HRM-16 611135 COLNNOT01 HRM-17 641127 BRSTNOT03 HRM-19 724157 SYNOOAT01 HRM-20 864633 BRATTUT03 HRM-21 933351 CERVNOT01 HRM-22 1404643 LATRTUT02 HRM-23 1561587 SPLNNOT04 HRM-23 1561587 SPLNNOT04 HRM-24 1563861 LIVRSNOT05 HRM-25 157288 LINDDNOT03 HRM-25 1572881 LINDDNOT03 HRM-27 1572894 LINDDNOT03 HRM-28 1573677 LINDDNOT03	SEQ ID NO:13	SEQ ID NO:62	HRM-13	208836	SPLNNOT02	g662126	S. cerevisiae
HRM-15 606742 BRSTTUT01 HRM-16 611135 COLNNOT01 HRM-17 641127 BRSTNOT03 HRM-19 724157 SYNOOAT01 HRM-20 864683 BRATIUT02 HRM-21 933333 CERVNOT01 HRM-22 1404643 LATRTUT02 HRM-23 1561587 SPLNNOT04 HRM-23 1561587 SPLNNOT04 HRM-23 157288 LNODNOT03 HRM-25 157288 LNODNOT03 HRM-26 1573677 LNODNOT03 HRM-27 1574634 LNODNOT03 HRM-28 1573673 LNODNOT03	SEQ ID NO:14	SEQ ID NO:63	HRM-14	569710	MMLR3DT01	g1698719	Human zinc finger protein
HRM-16 611135 COLNNOT01 HRM-17 641127 BRSTNOT03 HRM-19 724157 SYNOOAT01 HRM-20 864683 BRATTUT03 HRM-21 933353 CERVNOT01 HRM-22 1404643 LATRITUT02 HRM-23 1561587 SPLNNOT04 HRM-23 1561587 SPLNNOT04 HRM-24 1568361 UTRSNOT05 HRM-25 1573687 LNODNOT03 HRM-25 1573684 LNODNOT03 HRM-26 1573677 LNODNOT03 HRM-28 1573671 LNODNOT03	SEQ ID NO:15	SEQ ID NO:64		606742	BRSTTUT01	g1710201	Human clone 23679 mRNA
HRM-17 641127 BRSTNOT03 HRM-18 691768 LUNGTUT02 HRM-19 774157 SYNOOAT01 HRM-20 864683 BRATTUT03 HRM-21 933333 CERVNOT01 HRM-23 1561587 SPLNOT01 HRM-24 1568361 UTRSNOT05 HRM-25 1578634 LNODNOT03 HRM-25 1578634 LNODNOT03 HRM-26 1573677 LNODNOT03 HRM-27 1574624 LNODNOT03 HRM-28 1577674 LNODNOT03	SEQ ID NO:16	SEQ ID NO:65		611135	COLNNOT01	g506882	C elegans
HRM-18 691768 LUNGTUT02 HRM-19 724157 SYNOOAT01 HRM-20 864683 BRAITUT03 g HRM-21 993353 CERVIOT01 g HRM-22 1404643 LATRTUT02 HRM-23 1561887 SPLNNOT04 HRM-24 1568361 UTRSNOT05 g HRM-25 157288 LNODNOT03 g HRM-26 157288 LNODNOT03 g HRM-28 157254 LNODNOT03 g	SEQ ID NO:17	SEQ ID NO:66		641127	BRSTNOT03	g1310668	Human Hok-2 gene product
HRM-19 724157 SYNOOAT01 HRM-20 864683 BRAITUT03 g HRM-21 93353 CERVNOT01 g HRM-22 1494643 LATRITU22 HRM-23 156158 ENDINOT03 g HRM-25 157288 LNODNOT03 HRM-27 1574624 LNODNOT03 HRM-28 1577239 LNOD	SEQ ID NO:18	SEQ ID NO:67	HRM-18	891169	LUNGTUT02	g309183	Mus musculus
HRM-20 864683 BRAITUT03 g HRM-21 933353 CERVNOT01 g HRM-22 1404643 LATRITUT02 HRM-23 1561887 SPINNOT04 HRM-24 1561887 LNODNOT05 g HRM-26 1573677 LNODNOT03 g HRM-27 1574624 LNODNOT03 g HRM-27 1574624 LNODNOT03 g HRM-27 1574624 LNODNOT03 g	SEQ ID NO:19	SEQ ID NO:68		724157	SYNOOAT01	g577542	C. elegans C16C10
HRM-21 993353 CERVNOT01 g HRM-22 1404643 LATRTUT02 HRM-23 1561887 SPINNOT04 HRM-24 156188 LNODNOT03 g HRM-26 157367 LNODNOT03 g HRM-27 1574624 LNODNOT03 g HRM-27 1574624 LNODNOT03 g	SEQ ID NO:20	SEQ ID NO:69		864683	BRAITUT03	g1418563	C. elegans
HRM-22 1404643 LATRTUT02 HRM-23 1561887 SPLNNOT04 HRM-24 1568361 UTRSNOT05 HRM-26 157288 LNODNOT03 g HRM-26 1574624 LNODNOT03 g HRM-28 1577239 LNODNOT03	SEQ ID NO:21	SEQ ID NO:70	HRM-21	933353	CERVNOT01	g1657672	C. elegans
HRM-24 1568361 SPLNNOT04 HRM-24 1568361 UTRSNOT05 g HRM-25 1572888 LNODNOT03 g HRM-26 157254 LNODNOT03 g HRM-28 1577294 LNODNOT03 g	SEQ ID NO:22	SEQ 4D NO:71	HRM-22	1404643	LATRTUT02	g459002	C. elegans
HRM-24 1568361 UTRSNOT05 g HRM-25 157288 LNODNOT03 g HRM-26 1573677 LNODNOT03 g HRM-27 1574624 LNODNOT03 g HRM-28 157729 LNODNOT03	SEQ ID NO:23	SEQ ID NO:72		1561587	SPLNNOT04	g868266	C. elegans
HRM-25 1572888 LNODNOT03 18 HRM-26 1573677 LNODNOT03 18 HRM-27 1574624 LNODNOT03 18 HRM-28 1577239 LNODNOT03	SEQ ID NO:24	SEQ ID NO:73		1568361	UTRSNOT05	g1834503	Human mucin
HRM-26 1573677 LNODNOT03 HRM-27 1574624 LNODNOT03 g HRM-28 1577239 LNODNOT03	SEQ ID NO:25	SEQ ID NO:74	HRM-25	1572888	LNODNOT03	g603396	S. cerevisiae YER156c
HRM-27 1574624 LNODNOT03 HRM-28 1577239 LNODNOT03	SEQ ID NO:26	SEQ ID NO:75		1573677	LNODNOT03	g849195	S. cerevisiae D9481.16
HRM-28 1577239 LNODNOT03	SEQ ID NO:27	SEQ ID NO:76		1574624	LNODNOT03	g1067025	C. elegans R07E5.14
	SEQ ID NO:28	SEQ ID NO:77		1577239	LNODNOT03	g728657	S. cerevisiae

TABLE 1

g1200033 C. elegans F35G2	g286001 KIAA0005	g790405 C. elegans	g1574570 Haemophilus influenzae	g1055080 C. elegans	g313741 S. cerevisiae VRI 0514	g1006641 C. clegans F46C5	g561637 Human enigma protein	g558396 S. cerevisiae	g1066284 Mus musculus uterine mRNA	g861306 C. elegans	g687821 C. elegans	g868241 C. elegans C56C10	g733605 C. elegans	g1507666 Schizosaccharomyces pombe	g1495332 C. elegans	g1665790 KIAA0262	g478990 Human RNA binding protein	g687823 C. elegans	g1841547 Human HLA class III region	e1177434 Human mRNA
g12000	g2860	g7904	g15745	g10550	g3137	g10066	g5616	g5583	g106628	g86130	g68782	g86824	g73360	g150766	g149533	g166579	g47899	g68782	g184154	p117743
1598203 BLADNOT03	1600438 BLADNOT03	1600518 BLADNOT03	1602473 BLADNOT03	1605720 LUNGNOT15	1610501 COLNTUT06	1720770 BLADNOT06	1832295 BRAINON01	1990522 CORPNOT02	2098087 BRAITUT02	2112230 BRAITUT03	2117050 BRSTTUT02	2184712 SININOT01	2290475 BRAINON01	2353452 LUNGNOT20	2469611 THPINOT03	2515476 LIVRTUT04	2754573 THP1AZS08	2926777 TLYMNOT04	3217567 TESTNOT07	3339274 SPLNNOT10
1598203	1600438	1600518	1602473	1605720	1050191	1720770	1832295	1990522	2098087	21122301	2117050	2184712	2290475 I	2353452 1	. 2469611	25154761	2754573 1	2926777 T	3217567	3339274 S
HRM-29	HRM-30	HRM-31	HRM-32	HRM-33	HRM-34	HRM-35	HRM-36	HRM-37	HRM-38	HRM-39	HRM-40	HRM-41	HRM-42	HRM-43	HRM-44	HRM-45	HRM-46	HRM-47	HRM-48	HRM-49
SEQ ID NO:78	SEQ ID NO:79	SEQ ID NO:80	SEQ ID NO:81	SEQ ID NO:82	SEQ ID NO:83	SEQ ID NO:84	SEQ ID NO:85	SEQ ID NO:86	SEQ ID NO:87	SEQ ID NO:88	SEQ ID NO:89	SEQ ID NO:90	SEQ 1D NO:91	SEQ ID NO:92	SEQ 1D NO:93	SEQ ID NO:94	SEQ ID NO:95	SEQ ID NO:96	SEQ ID NO:97	SEO ID NO:98
SEQ ID NO:29 SEQ ID NO:78	SEQ ID NO:30 SEQ ID NO:79	SEQ ID NO:31 SEQ ID NO:80	SEQ ID NO:32 SEQ ID NO:81	SEQ ID NO:33 SEQ ID NO:82	SEQ ID NO:34 SEQ ID NO:83	SEQ ID NO:35 SEQ ID NO:84	SEQ ID NO:36 SEQ ID NO:85	SEQ 1D NO:37 SEQ 1D NO:86	SEQ ID NO:38 SEQ ID NO:87	SEQ 1D NO:39 SEQ 1D NO:88	SEQ ID NO:40 SEQ ID NO:89	SEQ ID NO:41 SEQ ID NO:90	SEQ ID NO:42 SEQ ID NO:91	SEQ 1D NO:43 SEQ 1D NO:92	SEQ ID NO:44 SEQ ID NO:93	SEQ ID NO:45 SEQ ID NO:94	SEQ ID NO:46 SEQ ID NO:95	SEQ ID NO:47 SEQ ID NO:96	SEQ ID NO:48 SEQ ID NO:97	SEQ 1D NO:49 SEQ ID NO:98